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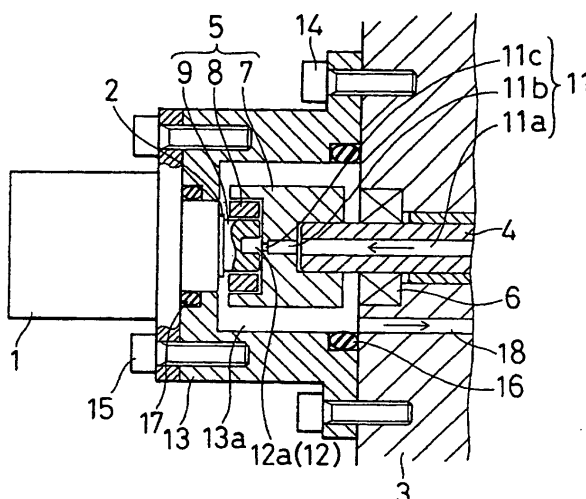
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(54) **Drive shaft coupling device with oil supply**

(57) A drive shaft coupling device with oil supply means (11) is provided to supply the center portion of a rotating part of an Oldham coupling (5) with oil. The oil spreads from the center of rotation to the outside of the Oldham coupling (5) and makes it possible to prevent the Oldham coupling (5) from wearing. A recess (12a)

is also provided to direct the oil supplied from an engine (3) to the inward portion of the Oldham coupling (5). Accordingly, the oil is supplied all over an Oldham projection (9) so that it is possible to prevent the frictional wearing of the Oldham projection (9) disposed inside the Oldham coupling (5).

FIG. 1



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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7) F16D F01C F04C F04B F04D
Place of search MUNICH		Date of completion of the search 25 March 2004	Examiner Descoubes, P
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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